Peter Gust Passias

List of Publications by Citations

292 papers	2,739 citations	26 h-index	36 g-index
310 ext. papers	3,718 ext. citations	2.3 avg, IF	4.97 L-index

#	Paper	IF	Citations
292	A review of the diagnosis and treatment of atlantoaxial dislocations. *Global Spine Journal*, **2014**, 4, 197-210	2.7	80
291	Prospective Multicenter Assessment of Early Complication Rates Associated With Adult Cervical Deformity Surgery in 78 Patients. *Neurosurgery*, **2016**, 79, 378-88	3.2	68
290	Risk Factors for Reoperation in Patients Treated Surgically for Intervertebral Disc Herniation: A Subanalysis of Eight-Year SPORT Data. *Journal of Bone and Joint Surgery - Series A*, **2015**, 97, 1316-25	5.6	62
289	Predictors of inpatient morbidity and mortality in adult spinal deformity surgery. *European Spine Journal*, **2016**, 25, 819-27	2.7	58
288	Assessment of Surgical Treatment Strategies for Moderate to Severe Cervical Spinal Deformity Reveals Marked Variation in Approaches, Osteotomies, and Fusion Levels. *World Neurosurgery*, **2016**, 91, 228-37	2.1	54
287	The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQuol-5 Dimensions Questionnaire. *Neurosurgery*, **2017**, 80, 716-725	3.2	53
286	Predictors of Revision Surgical Procedure Excluding Wound Complications in Adult Spinal Deformity and Impact on Patient-Reported Outcomes and Satisfaction: A Two-Year Follow-up. *Journal of Bone and Joint Surgery - Series A*, **2016**, 98, 536-43	5.6	48
285	Outpatient anterior cervical discectomy and fusion: A meta-analysis. *Journal of Clinical Neuroscience* , **2016**, 34, 166-168	2.2	47
284	Traumatic Fractures of the Cervical Spine: Analysis of Changes in Incidence, Cause, Concurrent Injuries, and Complications Among 488,262 Patients from 2005 to 2013. *World Neurosurgery*, **2018**, 110, e427-e437	2.1	46
283	Three-column osteotomy for correction of cervical and cervicothoracic deformities: alignment changes and early complications in a multicenter prospective series of 23 patients. *European Spine Journal*, **2017**, 26, 2128-2137	2.7	40
282	Development and Validation of a Novel Adult Spinal Deformity Surgical Invasiveness Score: Analysis of 464 Patients. *Neurosurgery*, **2018**, 82, 847-853	3.2	38
281	Postoperative cervical deformity in 215 thoracolumbar patients with adult spinal deformity: prevalence, risk factors, and impact on patient-reported outcome and satisfaction at 2-year follow-up. *Spine*, **2015**, 40, 283-91	3.3	38
280	Reoperation rates in minimally invasive, hybrid and open surgical treatment for adult spinal deformity with minimum 2-year follow-up. *European Spine Journal*, **2016**, 25, 2605-11	2.7	37
279	The benefit of nonoperative treatment for adult spinal deformity: identifying predictors for reaching a minimal clinically important difference. *Spine Journal*, **2016**, 16, 210-8	4	33
278	Inpatient versus Outpatient Anterior Cervical Discectomy and Fusion: A Perioperative Complication Analysis of 259,414 Patients From the Healthcare Cost and Utilization Project Databases. *International Journal of Spine Surgery*, **2017**, 11, 11	1.4	33
277	Association between preoperative cervical sagittal deformity and inferior outcomes at 2-year follow-up in patients with adult thoracolumbar deformity: analysis of 182 patients. *Journal of Neurosurgery: Spine*, **2016**, 24, 108-15	2.8	32
276	Cervical compensatory alignment changes following correction of adult thoracic deformity: a multicenter experience in 57 patients with a 2-year follow-up. *Journal of Neurosurgery: Spine*, **2015**, 22, 658-65	2.8	32

275	Predictive model for distal junctional kyphosis after cervical deformity surgery. *Spine Journal*, **2018**, 18, 2187-2194	4	32
274	Relationship between the alignment of the occipitoaxial and subaxial cervical spine in patients with congenital atlantoxial dislocations. *Journal of Spinal Disorders and Techniques*, **2013**, 26, 15-21		30
273	Predicting Extended Length of Hospital Stay in an Adult Spinal Deformity Surgical Population. *Spine* , **2016**, 41, E798-E805	3.3	30
272	Body mass index predicts risk of complications in lumbar spine surgery based on surgical invasiveness. *Spine Journal*, **2018**, 18, 1204-1210	4	30
271	Full-Body Analysis of Age-Adjusted Alignment in Adult Spinal Deformity Patients and Lower-Limb Compensation. *Spine*, **2017**, 42, 653-661	3.3	28
270	Adult Spinal Deformity: National Trends in the Presentation, Treatment, and Perioperative Outcomes From 2003 to 2010. *Spine Deformity*, **2017**, 5, 342-350	2	27
269	Predictors of morbidity and mortality among patients with cervical spondylotic myelopathy treated surgically. *European Spine Journal*, **2015**, 24, 2910-7	2.7	27
268	The impact of obesity on compensatory mechanisms in response to progressive sagittal malalignment. *Spine Journal*, **2017**, 17, 681-688	4	26
267	The Lumbar Pelvic Angle, the Lumbar Component of the T1 Pelvic Angle, Correlates With HRQOL, PI-LL Mismatch, and it Predicts Global Alignment. *Spine*, **2018**, 43, 681-687	3.3	26
266	Risk Factors for Reoperation in Patients Treated Surgically for Degenerative Spondylolisthesis: A Subanalysis of the 8-year Data From the SPORT Trial. *Spine*, **2017**, 42, 1559-1569	3.3	26
265	Comparative analysis of perioperative complications between a multicenter prospective cervical deformity database and the Nationwide Inpatient Sample database. *Spine Journal*, **2017**, 17, 1633-1640	4	25
264	Magnitude of preoperative cervical lordotic compensation and C2-T3 angle are correlated to increased risk of postoperative sagittal spinal pelvic malalignment in adult thoracolumbar deformity patients at 2-year follow-up. *Spine Journal*, **2015**, 15, 1756-63	4	25
263	The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. *Spine*, **2018**, 43, 1117-1124	3.3	24
262	Principal Radiographic Characteristics for Cervical Spinal Deformity: A Health-related Quality-of-life Analysis. *Spine*, **2017**, 42, 1375-1382	3.3	24
261	Development of a Modified Cervical Deformity Frailty Index: A Streamlined Clinical Tool for Preoperative Risk Stratification. *Spine*, **2019**, 44, 169-176	3.3	23
260	Predictors of adverse discharge disposition in adult spinal deformity and associated costs. *Spine Journal*, **2018**, 18, 1845-1852	4	23
259	Rod Fracture After Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients. *World Neurosurgery*, **2018**, 117, e530-e537	2.1	23
258	Surgical Treatment Strategies for High-Grade Spondylolisthesis: A Systematic Review. *International Journal of Spine Surgery*, **2015**, 9, 50	1.4	23

257	Impact of a Bundled Payment System on Resource Utilization During Spine Surgery. *International Journal of Spine Surgery*, **2016**, 10, 19	1.4	23
256	Analysis of Successful Versus Failed Radiographic Outcomes After Cervical Deformity Surgery. *Spine*, **2018**, 43, E773-E781	3.3	23
255	Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment With 1-Year Follow-up. *Neurosurgery*, **2018**, 83, 1031-1039	3.2	23
254	Cervical spondylotic myelopathy: National trends in the treatment and peri-operative outcomes over 10years. *Journal of Clinical Neuroscience*, **2017**, 42, 75-80	2.2	22
253	Novel Angular Measures of Cervical Deformity Account for Upper Cervical Compensation and Sagittal Alignment. *Clinical Spine Surgery*, **2017**, 30, E959-E967	1.8	22
252	Bone morphogenetic protein in adult spinal deformity surgery: a meta-analysis. *European Spine Journal*, **2017**, 26, 2094-2102	2.7	21
251	The Impact of Comorbid Mental Health Disorders on Complications Following Adult Spinal Deformity Surgery With Minimum 2-Year Surveillance. *Spine*, **2018**, 43, 1176-1183	3.3	21
250	Predictors of Hospital Length of Stay and 30-Day Readmission in Cervical Spondylotic Myelopathy Patients: An Analysis of 3057 Patients Using the ACS-NSQIP Database. *World Neurosurgery*, **2018**, 110, e450-e458	2.1	20
249	Predictive Model for Cervical Alignment and Malalignment Following Surgical Correction of Adult Spinal Deformity. *Spine*, **2016**, 41, E1096-E1103	3.3	20
248	Predictive Modeling of Length of Hospital Stay Following Adult Spinal Deformity Correction: Analysis of 653 Patients with an Accuracy of 75% within 2 Days. *World Neurosurgery*, **2018**, 115, e422-e427	2.1	20
247	Incidence of perioperative medical complications and mortality among elderly patients undergoing surgery for spinal deformity: analysis of 3519 patients. *Journal of Neurosurgery: Spine*, **2017**, 27, 534-539	2.8	20
246	Identifying Thoracic Compensation and Predicting Reciprocal Thoracic Kyphosis and Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery. *Spine*, **2018**, 43, 1479-1486	3.3	20
245	Spinal stereotactic body radiotherapy in the United States: A decade-long nationwide analysis of patient demographics, practice patterns, and trends over time. *Journal of Clinical Neuroscience*, **2017**, 46, 109-112	2.2	19
244	Outcomes of open staged corrective surgery in the setting of adult spinal deformity. *Spine Journal*, **2017**, 17, 1091-1099	4	18
243	Traumatic Fracture of the Pediatric Cervical Spine: Etiology, Epidemiology, Concurrent Injuries, and an Analysis of Perioperative Outcomes Using the KidsRInpatient Database. *International Journal of Spine Surgery*, **2019**, 13, 68-78	1.4	18
242	A comparative analysis of the prevalence and characteristics of cervical malalignment in adults presenting with thoracolumbar spine deformity based on variations in treatment approach over 2 years. *European Spine Journal*, **2016**, 25, 2423-32	2.7	18
241	Atlantoaxial Rotatory Fixed Dislocation: Report on a Series of 32 Pediatric Cases. *Spine*, **2016**, 41, E725-E732	3.3	18
240	Thoracolumbar Realignment Surgery Results in Simultaneous Reciprocal Changes in Lower Extremities and Cervical Spine. *Spine*, **2017**, 42, 799-807	3.3	17

239	Evaluating cervical deformity corrective surgery outcomes at 1-year using current patient-derived and functional measures: are they adequate?. *Journal of Spine Surgery*, **2018**, 4, 295-303	2.5	17
238	Primary Drivers of Adult Cervical Deformity: Prevalence, Variations in Presentation, and Effect of Surgical Treatment Strategies on Early Postoperative Alignment. *Neurosurgery*, **2018**, 83, 651-659	3.2	17
237	Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. *World Neurosurgery*, **2018**, 112, e61-e68	2.1	16
236	Short-term Outcomes Following Cervical Laminoplasty and Decompression and Fusion With Instrumentation. *Spine*, **2019**, 44, E1018-E1023	3.3	16
235	Analysis of Cervical Spine Injuries in Elderly Patients from 2001 to 2010 Using a Nationwide Database: Increasing Incidence, Overall Mortality, and Inpatient Hospital Charges. *World Neurosurgery*, **2018**, 120, e114-e130	2.1	16
234	Selective versus nonselective thoracic fusion in Lenke 1C curves: a meta-analysis of baseline characteristics and postoperative outcomes. *Journal of Neurosurgery: Spine*, **2015**, 23, 721-30	2.8	15
233	An Approach to Primary Tumors of the Upper Cervical Spine With Spondylectomy Using a Combined Approach: Our Experience With 19 Cases. *Spine*, **2018**, 43, 81-88	3.3	15
232	Spinopelvic Compensatory Mechanisms for Reduced Hip Motion (ROM) in the Setting of Hip Osteoarthritis. *Spine Deformity*, **2019**, 7, 923-928	2	15
231	Effectiveness of postoperative wound drains in one- and two-level cervical spine fusions. *International Journal of Spine Surgery*, **2014**, 8,	1.4	15
230	Outpatient Anterior Cervical Discectomy and Fusion: An Analysis of Readmissions from the New Jersey State Ambulatory Services Database. *International Journal of Spine Surgery*, **2017**, 11, 3	1.4	15
229	Predicting the Occurrence of Postoperative Distal Junctional Kyphosis in Cervical Deformity Patients. *Neurosurgery*, **2020**, 86, E38-E46	3.2	15
228	Incidence of Acute, Progressive, and Delayed Proximal Junctional Kyphosis Over an 8-Year Period in Adult Spinal Deformity Patients. *Operative Neurosurgery*, **2020**, 18, 75-82	1.6	15
227	Radiological lumbar stenosis severity predicts worsening sagittal malalignment on full-body standing stereoradiographs. *Spine Journal*, **2017**, 17, 1601-1610	4	14
226	Predictors of pain and disability outcomes in one thousand, one hundred and eight patients who underwent lumbar discectomy surgery. *International Orthopaedics*, **2015**, 39, 2143-51	3.8	14
225	Cost-utility analysis of cervical deformity surgeries using 1-year outcome. *Spine Journal*, **2018**, 18, 1552-1557	4	14
224	Building Consensus: Development of Best Practice Guidelines on Wrong Level Surgery in Spinal Deformity. *Spine Deformity*, **2018**, 6, 121-129	2	14
223	The reversibility of swan neck deformity in chronic atlantoaxial dislocations. *Spine*, **2013**, 38, E379-85	3.3	14
222	Vertebral Osteomyelitis: A Comparison of Associated Outcomes in Early Versus Delayed Surgical Treatment. *International Journal of Spine Surgery*, **2018**, 12, 703-712	1.4	14

221	Development of a validated computer-based preoperative predictive model for pseudarthrosis with 91% accuracy in 336 adult spinal deformity patients. *Neurosurgical Focus*, **2018**, 45, E11	4.2	14
220	Cost-Utility Analysis of rhBMP-2 Use in Adult Spinal Deformity Surgery. *Spine*, **2020**, 45, 1009-1015	3.3	14
219	Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. *Journal of Clinical Neuroscience*, **2019**, 59, 155-161	2.2	14
218	Prior bariatric surgery lowers complication rates following spine surgery in obese patients. *Acta Neurochirurgica*, **2018**, 160, 2459-2465	3	14
217	Psoas Morphology Differs between Supine and Sitting Magnetic Resonance Imaging Lumbar Spine: Implications for Lateral Lumbar Interbody Fusion. *Asian Spine Journal*, **2018**, 12, 29-36	2.8	13
216	The Influence of Body Mass Index on Achieving Age-Adjusted Alignment Goals in Adult Spinal Deformity Corrective Surgery with Full-Body Analysis at 1 Year. *World Neurosurgery*, **2018**, 120, e533-e545	2.1	13
215	Adult Scoliosis Deformity Surgery: Comparison of Outcomes Between One Versus Two Attending Surgeons. *Spine*, **2017**, 42, 992-998	3.3	12
214	Epidemiology and national trends in prevalence and surgical management of metastatic spinal disease. *Journal of Clinical Neuroscience*, **2018**, 53, 183-187	2.2	12
213	Characterizing Adult Cervical Deformity and Disability Based on Existing Cervical and Adult Deformity Classification Schemes at Presentation and Following Correction. *Neurosurgery*, **2018**, 82, 192-201	3.2	12
212	Prospective Multicenter Assessment of All-Cause Mortality Following Surgery for Adult Cervical Deformity. *Neurosurgery*, **2018**, 83, 1277-1285	3.2	12
211	Diabetes as an Independent Predictor for Extended Length of Hospital Stay and Increased Adverse Post-Operative Events in Patients Treated Surgically for Cervical Spondylotic Myelopathy. *International Journal of Spine Surgery*, **2017**, 11, 10	1.4	12
210	Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. *European Spine Journal*, **2018**, 27, 416-425	2.7	12
209	Fatty Infiltration of Cervical Spine Extensor Musculature: Is there a Relationship With Cervical Sagittal Balance?. *Clinical Spine Surgery*, **2018**, 31, 428-434	1.8	12
208	Developments in the treatment of Chiari type 1 malformations over the past decade. *Journal of Spine Surgery*, **2018**, 4, 45-54	2.5	12
207	Impact of Race and Insurance Status on Surgical Approach for Cervical Spondylotic Myelopathy in the United States: A Population-Based Analysis. *Spine*, **2017**, 42, 186-194	3.3	11
206	Comparison of Best Versus Worst Clinical Outcomes for Adult Cervical Deformity Surgery. *Global Spine Journal*, **2019**, 9, 303-314	2.7	11
205	A New Piece of the Puzzle to Understand Cervical Sagittal Alignment: Utilizing a Novel Angle to Describe the Relationship among T1 Vertebral Body Slope, Cervical Lordosis, and Cervical Sagittal Alignment. *Neurosurgery*, **2020**, 86, 446-451	3.2	11
204	Patient profiling can identify patients with adult spinal deformity (ASD) at risk for conversion from nonoperative to surgical treatment: initial steps to reduce ineffective ASD management. *Spine Journal*, **2018**, 18, 234-244	4	11

203	Arm Pain Versus Neck Pain: A Novel Ratio as a Predictor of Post-Operative Clinical Outcomes in Cervical Radiculopathy Patients. *International Journal of Spine Surgery*, **2018**, 12, 629-637	1.4	11
202	Pyogenic Vertebral Column Osteomyelitis in Adults: Analysis of Risk Factors for 30-Day and 1-Year Mortality in a Single Center Cohort Study. *Asian Spine Journal*, **2019**, 13, 608-614	2.8	11
201	Does Patient Frailty Status Influence Recovery Following Spinal Fusion for Adult Spinal Deformity?: An Analysis of Patients With 3-Year Follow-up. *Spine*, **2020**, 45, E397-E405	3.3	11
200	Scoring System to Triage Patients for Spine Surgery in the Setting of Limited Resources: Application to the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond. *World Neurosurgery* , **2020**, 140, e373-e380	2.1	10
199	Cervical Alignment Changes in Patients Developing Proximal Junctional Kyphosis Following Surgical Correction of Adult Spinal Deformity. *Neurosurgery*, **2018**, 83, 675-682	3.2	10
198	Comparing psychological burden of orthopaedic diseases against medical conditions: Investigation on hospital course of hip, knee, and spine surgery patients. *Journal of Orthopaedics*, **2018**, 15, 297-301	1.6	10
197	Adverse Outcomes and Prediction of Cardiopulmonary Complications in Elective Spine Surgery. *Global Spine Journal*, **2018**, 8, 218-223	2.7	10
196	Despite worse baseline status depressed patients achieved outcomes similar to those in nondepressed patients after surgery for cervical deformity. *Neurosurgical Focus*, **2017**, 43, E10	4.2	10
195	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. *Spine Journal*, **2020**, 20, 5-13	4	10
194	Assessment of Surgical Procedural Time, Pedicle Screw Accuracy, and Clinician Radiation Exposure of a Novel Robotic Navigation System Compared With Conventional Open and Percutaneous Freehand Techniques: A Cadaveric Investigation. *Global Spine Journal*, **2020**, 10, 814-825	2.7	10
193	Chiari malformation clusters describe differing presence of concurrent anomalies based on Chiari type. *Journal of Clinical Neuroscience*, **2018**, 58, 165-171	2.2	10
192	Grading of Complications After Cervical Deformity-corrective Surgery: Are Existing Classification Systems Applicable?. *Clinical Spine Surgery*, **2019**, 32, 263-268	1.8	9
191	Intraoperative alignment goals for distinctive sagittal morphotypes of severe cervical deformity to achieve optimal improvements in health-related quality of life measures. *Spine Journal*, **2020**, 20, 1267-1275	4	9
190	The Impact of Comorbid Mental Health Disorders on Complications Following Cervical Spine Surgery With Minimum 2-Year Surveillance. *Spine*, **2018**, 43, 1455-1462	3.3	9
189	Ratio of lumbar 3-column osteotomy closure: patient-specific deformity characteristics and level of resection impact correction of truncal versus pelvic compensation. *European Spine Journal*, **2016**, 25, 2480-7	2.7	9
188	National Administrative Databases in Adult Spinal Deformity Surgery: A Cautionary Tale. *Spine*, **2017**, 42, 1248-1254	3.3	9
187	Classifying Complications: Assessing Adult Spinal Deformity 2-Year Surgical Outcomes. *Global Spine Journal*, **2020**, 10, 896-907	2.7	9
186	Recovery Kinetics: Comparison of Patients Undergoing Primary or Revision Procedures for Adult Cervical Deformity Using a Novel Area Under the Curve Methodology. *Neurosurgery*, **2019**, 85, E40-E51	3.2	9

185	The impact of mental health on patient-reported outcomes in cervical radiculopathy or myelopathy surgery. *Journal of Clinical Neuroscience*, **2018**, 54, 102-108	2.2	8
184	The Impact of Different Intraoperative Fluid Administration Strategies on Postoperative Extubation Following Multilevel Thoracic and Lumbar Spine Surgery: A Propensity Score Matched Analysis. *Neurosurgery*, **2019**, 85, 31-40	3.2	8
183	A novel index for quantifying the risk of early complications for patients undergoing cervical spine surgeries. *Journal of Neurosurgery: Spine*, **2017**, 27, 501-507	2.8	8
182	Two-Year Results of the Prospective Spine Treatment Outcomes Study: An Analysis of Complication Rates, Predictors of Their Development, and Effect on Patient Derived Outcomes at 2 Years for Surgical Management of Cervical Spondylotic Myelopathy. *World Neurosurgery*, **2017**, 106, 247-253	2.1	8
181	Klippel-Feil: A constellation of diagnoses, a contemporary presentation, and recent national trends. *Journal of Craniovertebral Junction and Spine*, **2019**, 10, 133-138	1	8
180	Multicenter assessment of surgical outcomes in adult spinal deformity patients with severe global coronal malalignment: determination of target coronal realignment threshold. *Journal of Neurosurgery: Spine*, **2020**, 1-14	2.8	8
179	Total Inpatient Morphine Milligram Equivalents Can Predict Long-term Opioid Use After Transforaminal Lumbar Interbody Fusion. *Spine*, **2019**, 44, 1465-1470	3.3	8
178	Trends in Treatment of Scheuermann Kyphosis: A Study of 1,070 Cases From 2003 to 2012. *Spine Deformity*, **2019**, 7, 100-106	2	8
177	Improvement in Back and Leg Pain and Disability Following Adult Spinal Deformity Surgery: Study of 324 Patients With 2-year Follow-up and the Impact of Surgery on Patient-reported Outcomes. *Spine*, **2019**, 44, 263-269	3.3	8
176	Two-Year Results of the Prospective Spine Treatment Outcomes Study: Analysis of Postoperative Clinical Outcomes Between Patients with and without a History of Previous Cervical Spine Surgery. *World Neurosurgery*, **2018**, 109, e144-e149	2.1	8
175	Baseline mental status predicts happy patients after operative or non-operative treatment of adult spinal deformity. *Journal of Spine Surgery*, **2018**, 4, 687-695	2.5	8
174	Measurement of Spinopelvic Angles on Prone Intraoperative Long-Cassette Lateral Radiographs Predicts Postoperative Standing Global Alignment in Adult Spinal Deformity Surgery. *Spine Deformity*, **2019**, 7, 325-330	2	7
173	Alcoholism as a predictor for pseudarthrosis in primary spine fusion: An analysis of risk factors and 30-day outcomes for 52,402 patients from 2005 to 2013. *Journal of Orthopaedics*, **2019**, 16, 36-40	1.6	7
172	Upper-thoracic versus lower-thoracic upper instrumented vertebra in adult spinal deformity patients undergoing fusion to the pelvis: surgical decision-making and patient outcomes. *Journal of Neurosurgery: Spine*, **2019**, 1-7	2.8	7
171	"Reverse Bohlman" technique for the treatment of high grade spondylolisthesis in an adult population. *Journal of Orthopaedics*, **2016**, 13, 1-9	1.6	7
170	Factors influencing length of stay following cervical spine surgery: A comparison of myelopathy and radiculopathy patients. *Journal of Clinical Neuroscience*, **2019**, 67, 109-113	2.2	6
169	Recovery Kinetics of Radiographic and Implant-Related Revision Patients Following Adult Spinal Deformity Surgery. *Neurosurgery*, **2018**, 83, 700-708	3.2	6
168	PROMIS physical health domain scores are related to cervical deformity severity. *Journal of Craniovertebral Junction and Spine*, **2019**, 10, 179-183	1	6

167	The impact of osteotomy grade and location on regional and global alignment following cervical deformity surgery. *Journal of Craniovertebral Junction and Spine*, **2019**, 10, 160-166	1	6
166	Pelvic Compensation in Sagittal Malalignment: How Much Retroversion Can the Pelvis Accommodate?. *Spine*, **2020**, 45, E203-E209	3.3	6
165	Association Between Frailty Status and Odontoid Fractures After Traumatic Falls: Investigation of Varying Injury Mechanisms Among 70 Elderly Odontoid Fracture Patients. *Journal of Orthopaedic Trauma*, **2019**, 33, e484-e488	3.1	6
164	A cost benefit analysis of increasing surgical technology in lumbar spine fusion. *Spine Journal*, **2021**, 21, 193-201	4	6
163	Operative fusion of multilevel cervical spondylotic myelopathy: Impact of patient demographics. *Journal of Clinical Neuroscience*, **2017**, 39, 133-136	2.2	5
162	Durability of Satisfactory Functional Outcomes Following Surgical Adult Spinal Deformity Correction: A 3-Year Survivorship Analysis. *Operative Neurosurgery*, **2020**, 18, 118-125	1.6	5
161	Predictors of long-term opioid dependence in transforaminal lumbar interbody fusion with a focus on pre-operative opioid usage. *European Spine Journal*, **2020**, 29, 1311-1317	2.7	5
160	Fatty infiltration of the cervical extensor musculature, cervical sagittal balance, and clinical outcomes: An analysis of operative adult cervical deformity patients. *Journal of Clinical Neuroscience*, **2020**, 72, 134-141	2.2	5
159	Full-Body Analysis of Adult Spinal Deformity PatientsRAge-Adjusted Alignment at 1 Year. *World Neurosurgery*, **2018**, 114, e775-e784	2.1	5
158	Combined ossification of the posterior longitudinal ligament at C2-3 and invagination of the posterior axis resulting in myelopathy. *European Spine Journal*, **2013**, 22 Suppl 3, S478-86	2.7	5
157	Full-Body Radiographic Analysis of Postoperative Deviations From Age-Adjusted Alignment Goals in Adult Spinal Deformity Correction and Related Compensatory Recruitment. *International Journal of Spine Surgery*, **2019**, 13, 205-214	1.4	5
156	Decision Tree-based Modelling for Identification of Predictors of Blood Loss and Transfusion Requirement After Adult Spinal Deformity Surgery. *International Journal of Spine Surgery*, **2020**, 14, 87-95	1.4	5
155	Establishing the minimum clinically important difference in Neck Disability Index and modified Japanese Orthopaedic Association scores for adult cervical deformity. *Journal of Neurosurgery: Spine*, **2020**, 1-5	2.8	5
154	Prospective multicenter assessment of complication rates associated with adult cervical deformity surgery in 133 patients with minimum 1-year follow-up. *Journal of Neurosurgery: Spine*, **2020**, 1-13	2.8	5
153	The Impact of Adult Thoracolumbar Spinal Deformities on Standing to Sitting Regional and Segmental Reciprocal Alignment. *International Journal of Spine Surgery*, **2019**, 13, 308-316	1.4	5
152	Cervical, Thoracic, and Spinopelvic Compensation After Proximal Junctional Kyphosis (PJK): Does Location of PJK Matter?. *Global Spine Journal*, **2020**, 10, 6-12	2.7	5
151	Obesity negatively affects cost efficiency and outcomes following adult spinal deformity surgery. *Spine Journal*, **2020**, 20, 512-518	4	5
150	Metabolic Syndrome has a Negative Impact on Cost Utility Following Spine Surgery. *World Neurosurgery*, **2020**, 135, e500-e504	2.1	5

149	Analysis of Early Distal Junctional Kyphosis (DJK) after Cervical Deformity Correction. *Spine Journal* , **2016**, 16, S355-S356	4	5
148	Reciprocal Changes in Cervical Alignment After Thoracolumbar Arthrodesis for Adult Spinal Deformity. *Spine*, **2019**, 44, E1311-E1316	3.3	5
147	Persistent Postoperative Hyperglycemia as a Risk Factor for Operative Treatment of Deep Wound Infection After Spine Surgery. *Neurosurgery*, **2020**, 87, 211-219	3.2	5
146	Differences in primary and revision deformity surgeries: following 1,063 primary thoracolumbar adult spinal deformity fusions over time. *Journal of Spine Surgery*, **2018**, 4, 203-210	2.5	5
145	Adolescent Idiopathic Scoliosis Care in an Underserved Inner-City Population: Screening, Bracing, and Patient- and Parent-Reported Outcomes. *Spine Deformity*, **2019**, 7, 559-564	2	4
144	Indicators for Nonroutine Discharge Following Cervical Deformity-Corrective Surgery: Radiographic, Surgical, and Patient-Related Factors. *Neurosurgery*, **2019**, 85, E509-E519	3.2	4
143	Recovery kinetics following spinal deformity correction: a comparison of isolated cervical, thoracolumbar, and combined deformity morphometries. *Spine Journal*, **2019**, 19, 1422-1433	4	4
142	A cost utility analysis of treating different adult spinal deformity frailty states. *Journal of Clinical Neuroscience*, **2020**, 80, 223-228	2.2	4
141	Clinical and radiographic presentation and treatment of patients with cervical deformity secondary to thoracolumbar proximal junctional kyphosis are distinct despite achieving similar outcomes: Analysis of 123 prospective CD cases. *Journal of Clinical Neuroscience*, **2018**, 56, 121-126	2.2	4
140	Interpretation of Spinal Radiographic Parameters in Patients With Transitional Lumbosacral Vertebrae. *Spine Deformity*, **2018**, 6, 587-592	2	4
139	Incidence, trends, and associated risks of developmental hip dysplasia in patients with Early Onset and Adolescent Idiopathic Scoliosis. *Journal of Orthopaedics*, **2018**, 15, 874-877	1.6	4
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